

SECRET

NPIC/TSSG/DED-1187-68

24 April 1968

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT : Proposed Contract with [] for Fabrication and Installation of Digitizing Equipment on an IAS Fiber Optics Viewer at a Cost of []

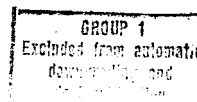
1. This memorandum requests approval for the commitment of funds for a research & development contract. The specific request is stated in paragraph 6.

2. The Imagery Analysis Service (DDI/IAS) requires additional mensuration capability--particularly for height measurements. We propose to partially meet this requirement by modifying an existing (IAS) Fiber Optics Viewer. This modification retrofits a mensuration capability to the existing viewer and provides all the necessary peripheral equipment to allow, upon demand, digital readout along with operation on-line to NPIC's central computer.

3. The proposed project consists of the delivery and installation of the required hardware and equipment necessary to digitize an existing [] Fiber Optics Viewer. The Contracting Officer will be requested to negotiate this as a fixed price contract. The total time anticipated for completion of the project is 180 days from the date of contract. Calibration and alignment will be handled under a separate FY-1969 time and materials contract. (NPIC's Fiber Optics Viewer, previously digitized, will be aligned and calibrated under the same contract.)

4. The requirement for this mensuration capability is stated in the attached speed letter originated by the Imagery Analysis Service. IAS has advised us that its requirement for 4 manyears of mensuration support will not be reduced as a result of digitizing this viewer. IAS will utilize this equipment for mensuration problems of lower priority which are above and beyond their requirement for NPIC support.

5. [] has submitted a technical and cost proposal which is satisfactory to the Development and Engineering Division, TSSG.

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Declass Review by NGA.

SECRET

SUBJECT: Proposed Contract with [] for Fabrication
and Installation of Digitizing Equipment on a Fiber Optics Viewer
at a Cost of []

6. It is requested that approval be granted to negotiate with []
[] for a contract to fabricate, procure, and install digitizing
equipment on a Fiber Optics Viewer at a cost of []

[]
Chief,
Technical Services & Support Group, NPIC

Attachments:

R&D Catalog Form
Speed Letter

AP

ARTUR C. LUNDHAL
Director

National Photographic Interpretation Center

29 APR 1968

Date

Distribution:

- Original - NPIC/TSSG/SS/LB (After approval)
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NPIC/TSSG/DED []

(24 Apr 68)

SECRET
(When Filled In)

SPEED LETTER	REPLY REQUESTED		DATE
	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	5 January 1968
TO : Chief, Development Staff, NPIC		FROM:	
ATTN: 		Imagery Analysis Service	

SUBJECT: Request for Digitizing Twin-Stage PI Comparator and Fiber-Optics Viewer

1. Since NPIC is unable to provide sufficient mensuration support to IAS, we must have the capability to accomplish a portion of our mensural requirements using in-house equipment and manpower. Therefore, we consider it extremely important that you take action to digitize both stages on the prototype Twin-Stage PI Comparator so that height measurements can be derived by parallax techniques.

2. If funds permit, we also request that our Fiber-Optics Viewer be retrofitted with digitizers on all four axis; and that the necessary components, including a card punch coupler, be added to give this instrument both an on-line and off-line mensuration capability.

3. Please give us your decision on these requests as soon as possible.

DIRECTOR, IMAGERY ANALYSIS SERVICE

SIGNATURE

REPLY

DATE

SIGNATURE